

FOS II Reactivity Warm Up

General Formula for Single Replacement Rxn:

Metal A + Metal B, Non-Metal -----> _____ + _____, _____

Reactivity Series Order

Most Reactive

Li K Ca Na Mg Al Zn Fe Sn Pb H Cu Hg Ag Au

Least Reactive

Name the following compounds:

1. LiCl

2. $\text{Ca}(\text{ClO}_3)_2$

Write and Balance the formula for the following compounds:

1. Cesium Nitride

2. Lead (II) Hydrogen Sulfate

Complete and Balance the following equations: (Be sure to check if the reaction will take place using your Activity Series):

1. $\text{K} + \text{Zn}(\text{SO}_4) \text{ ----->}$

2. $\text{Pb (III)} + \text{NaOH} \text{ ----->}$

3. $\text{Ca} + \text{KI} \text{ ----->}$